EXPERIMENTAL HEPATOLOGY DAYS

April 24-26, 2025

Symposium 240

LYON, FRANCE

APPLICATION FOR CME CREDITS SUBMITTED

Preface 2
Scientific Program 4
List of Speakers, Moderators and Scientific Organizers 11
Posters 15
Information 16

CME CREDITS

An application has been made to the UEMS EACCME® for CME accreditation of this event. The number of credits awarded will be printed in the final program.

PREFACE

Dear colleagues,

we cordially invite you to attend the second symposium of the Falk Foundation Experimental Hepatology Days in Lyon. After the big success of our first Symposium 2023 in Zürich, we are very pleased to bring together again leading scientists and clinician-scientists from around the world who are united in one major aspect: Their interest in innovative aspects of basic and translational hepatology. The structure of the symposium will remain the same: Part A will focus on hepatic injury, inflammation and immunology, while Part B will be about regeneration, fibrosis and carcinogenesis. Both parts will include keynote lectures, panel discussions, poster pitches sessions and talks ranging from novel methodologies and basic mechanisms to clinical applications, thus providing plenty of opportunities for lively and stimulating discussions.

We are confident that building on the tradition of the Falk Foundation Basel Liver days and the success of the first Falk Foundation Experimental Hepatology Days, our symposium will provide the perfect format to discuss and address the emerging open questions in the dynamic area of experimental hepatology. We therefore specifically encourage young scientists and clinician-scientists to participate and present their research projects!

See you in April 2025 in Lyon!

Matías Ávila Frank Tacke Robert Thimme Fabien Zoulim
Jessica Zucman-Rossi

EXPERIMENTAL HEPATOLOGY DAYS

April 24-26, 2025

Scientific Organization:
Matías Ávila, Pamplona
Frank Tacke, Berlin
Robert Thimme, Freiburg
Fabien Zoulim, Lyon
Jessica Zucman-Rossi, Paris

Congress Venue:
Marriott Lyon Cité International
70 Quai Charles de Gaulles
69006 Lyon
France

For admission to scientific events your name badge should be clearly visible.

Accompanying persons are not permitted during the conference at any time.

Start of Registration:
Thursday, April 24, 2025
13:00-18:30 h
at the congress office

Call for Posters:
A poster session will be held.
For details see page 15.

Publication Date of the Final Program:
April 2025

The final program will be available on the website www.falkfoundation.org one week before the start of the symposium.

Thursday, April 24, 2025

14:00 Welcome and opening remarks
Fabien Zoulim, Lyon

PART A: HEPATOCYTE INJURY, INFLAMMATION & IMMUNOLOGY

SESSION I

Hepatocyte injury, metabolism and inflammation

Chairs: *José C. Fernández-Checa, Barcelona; Sophie Lotersztajn, Paris*

14:05 Keynote lecture I: Metabolism and disease progression in the liver
Eyal Gottlieb, Houston

14:35 Impact of intestinal neoglucogenesis on liver metabolism and steatosis
Gilles Mithieux, Lyon

14:55 Liver resident T cells
Mala Maini, London

15:15 Role of autophagy in liver inflammation/chronic disease progression
Sophie Lotersztajn, Paris

15:35 Oral poster presentation

15:50 **Coffee break with poster session**

SESSION II

Poster pitches session

Chairs: *Verena Keitel-Anselmino, Magdeburg; Mala Maini, London*

16:20 6 poster pitches (each 5' pitch plus 2' discussion)

Thursday, April 24, 2025

SESSION III

Translation from discovery to the clinics

Chairs: *Barbara Testoni, Lyon; Robert Thimme, Freiburg*

17:15	Cell therapies / CAR T cell therapies *Ulrike Protzer, München*
17:30	Therapeutic vaccines *Eleanor Barnes, Oxford*
17:45	iRNA-based therapeutics for metabolic liver diseases *Eliane Sardh, Stockholm*
18:00	From a clinical observation to a start-up *Rajiv Jalan, London*
18:15	Panel discussion
18:45	**Welcome Evening**

Friday, April 25, 2025

SESSION IV

Immunology

Chairs: *Eleanor Barnes; Oxford; Mirjam Zeisel, Lyon*

09:00	Keynote lecture II: Immunobiology of HBV infection *Matteo Iannacone, Milan*
09:30	Metabolic programming of innate-like MAIT cells in MASLD *Katrin Böttcher, Munich*
09:50	T cells and viral hepatitis: Lessons from HCV *Georg M. Lauer, Boston*
10:10	T cell immunity in HEV infection *Tobias Böttler, Freiburg*
10:30	Oral poster presentation
10:50	**Coffee break with poster session**

SESSION V

Multidimensional analysis of the liver

Chairs: *Matteo Iannacone, Milan; Massimo Levrero, Lyon*

11:20	Novel personalized strategies in times of big data *Carolin Schneider, Aachen*
11:40	Multiparametric analysis of the liver disease *Valérie Paradis, Clichy*
12:00	Human precision-cut liver slices as a platform to study liver diseases *Elena Palma, London*
12:20	Strategies for using AI in diagnosis and prognosis of liver disease *Julien Calderaro, Créteil*

Friday, April 25, 2025

12:40	Panel discussion
13:00	**Lunch break with poster session**

PART B: REGENERATION, FIBROSIS AND CARCINOGENESIS

SESSION I

Regeneration and fibrosis

Chairs: *Jordi Gracia-Sancho, Barcelona; Frank Tacke, Berlin*

14:00	Keynote lecture III: Gut-liver axis as a modulator for regeneration and fibrosis *Bernd Schnabl, Ja Jolla*
14:30	Oral poster presentation
14:50	Molecular mechanisms of liver fibrosis: Lessons learned from single cell studies *Neil Henderson, Edinburgh*
15:10	Role of polyploidy in transition from NASH to HCC *Chantal Desdouets, Paris*
15:30	Morphogens, metabolism and metabolic dysfunction-associated liver disease *Anna Mae Diehl, Durham*
15:50	**Coffee break with poster session**

Friday, April 25, 2025

SESSION II

Poster pitches session

Chairs: *Andreas Kremer, Zurich; Jennifer Rieusset, Lyon*

16:20	6 poster pitches (each 5' pitch plus 2' discussion)

SESSION III

Liver cell plasticity

Chairs: *Annalisa Berzigotti, Bern; Neil Henderson, Edinburgh*

17:15	Cell plasticity in acute-on-chronic liver failure *Schalk Van Der Merwe, Leuven*
17:35	Liver organoids for the study of liver disease and plasticity *Ludovic Vallier, Berlin*
17:55	Liver zonation *Shalev Itzkovitz, Rehovot*
18:15	Dynamic cell heterogeneity in homeostasis and chronic liver disease *Jan Tchorz, Basel*
18:35	Presentation of poster awards
19:00	**Networking with light refreshments**

Saturday, April 26, 2025

SESSION IV

Carcinogenesis

Chairs: *Matías Ávila, Pamplona; Jessica Zucman-Rossi, Paris*

09:00	Keynote lecture IV: Immunology and immunotherapy of cholangiocarcinoma *Tim F. Greten, Bethesda*
09:30	Role of liver microenvironment in HCC *Daniela Sia, New York*
09:50	Cholangiocarcinoma-on-a-chip *Ana Lleo, Rozzano*
10:10	Role of immune responses in the development of MASLD-associated liver cancer *Matthias Heikenwälder, Heidelberg*
10:30	Metabolic reprogramming in liver cancer *Renaud Dentin, Paris*
10:50	**Coffee break with poster session**

Saturday, April 26, 2025

SESSION V

Opportunities and risks of emerging therapies

Chairs: *Patrizia Burra, Padova; Heiner Wedemeyer, Hannover*

11:20	AAV vectorisation for gene therapy *Federico Mingozzi, Philadelphia*
11:40	Gene therapy in liver disease: new approaches *Pasquale Piccolo, Pozzuoli*
12:00	mRNA based therapy for liver metabolic diseases *Sonam Gurung, London*
12:20	New targets for HCC: from genomics to the clinics *Jean-Charles Nault, Bobigny*
12:40	Closing words *Jessica Zucman-Rossi, Paris*

LIST OF SPEAKERS, MODERATORS AND SCIENTIFIC ORGANIZERS

Prof. Dr. Matías Ávila
CIMA University of Navarra
Avda. Pio XIII, 55
31008 Pamplona
Spain
maavila@unav.es

Eleanor Barnes PhD
Nuffield Department of Medicine
University of Oxford
Old Road Campus
Oxford, OX3 7BN
United Kingdom
ellie.barnes@ndm.ox.ac.uk

Prof. Annalisa Berzigotti
Department of Visceral Surgery and Medicine
Inselspital, Bern University Hospital
Freiburgstr. 10
3008 Bern
Switzerland
annalisa.berzigotti@insel.ch

Dr. Katrin Böttcher
Klinik und Poliklinik für Innere Medizin II
Klinikum rechts der Isar der TUM
Ismaninger Str. 22
81675 München
Germany
katrin.boettcher@mri.tum.de

Prof. Dr. Tobias Böttler
Klinik für Innere Medizin II
Universitätsklinikum Freiburg
Hugstetter Str. 55
79106 Freiburg
Germany
tobias.boettler@uniklinik-freiburg.de

Prof. Patrizia Burra
Department of Surgery, Oncology
and Gastroenterology
University of Padova
Via Giustiniani, 2
Padova
Italy
burra@unipd.it

Prof. Julien Calderaro
Département de Pathologie
Hôpital Henri Mondor
51, Avenue du Maréchal de
Lattre de Tassigny
94010 Créteil
France
julien.calderaro@hmn.aphp.fr

Renaud Dentin
CRCN, Inserm U1016 - CNRS UMR8104
Université de Paris
22, Rue Méchain
75014 Paris
France
renaud.dentin@inserm.fr

Dr. Chantal Desdouets
Centre de Recherche des Cordeliers
15, Rue de l'Ecole de Médecine
75006 Paris
France
chantal.desdouets@inserm.fr

Anna Mae Diehl, MD
Department of Medicine
Duke University School of Medicine
Ste 1073, GSRB 1
595 Lasalle Street
Durham, NC 27710
USA
diehl004@mc.duke.edu

Prof. José C. Fernández-Checa
Spanish Research Counsil
IIBB-CSIC-IDIBAPS
C/Rosello 161
08036 Barcelona
Spain
josecarlos.fernandezcheca@iibb.csic.es

Eyal Gottlieb, PhD
Department of Cancer Biology
The University of Texas
MD Anderson Cancer Center
1515 Holcombe Blvd.
Houston, TX 77054
USA
EGottlieb@MDAnderson.org

Prof. Dr. Jordi Gracia-Sancho
IDIBAPS Research Institute & CIBEREHD
Rosselló 153
08036 Barcelona
Spain
jordi.gracia@idibaps.org

Prof. Tim F. Greten, M.D.
Thoracic and GI Malignancies Branch
National Cancer Institute, NIH
10 Center Drive
Bethesda, MD 20892
USA
gretentf@mail.nih.gov

Sonam Gurung
Department of Genetic
Genomic Medicine
University College London
Institute of Child Health
30 Guilford Street
WC1N 1EH London
United Kingdom
sonam.gurung@ucl.ac.uk

Prof. Dr. Mathias Heikenwälder
Deutsches Krebsforschungszentrum
Im Neuenheimer Feld 242
69120 Heidelberg
Germany
m.heikenwaelder@dkfz.de

Prof. Neil Henderson
Centre for Inflammation Research
Institute of Regeneration and Repair
University of Edinburgh
Edinburgh BioQuarter
4-5 Little France Drive
EH16 4UU Edinburgh
United Kingdom
neil.henderson@ed.ac.uk

Prof. Matteo Iannacone
Division of Immunology, Transplantation
and Infectious Diseases
San Raffaele Scientific
Institute & University
Via Olgettina 58
20132 Milan
Italy
iannacone.matteo@hsr.it

Prof. Shalev Itzkovitz
Department of Molecular Cell Biology
Weizmann Institute of Science
Rehovot 76100
Israel
shalev.itzkovitz@weizmann.ac.il

Prof. Rajiv Jalan
ILDH, Division of Medicine
UCL Medical School
Royal Free Campus
Rowland Hill Street
London, NW3 2PF
United Kingdom
r.jalan@ucl.ac.uk

Prof. Dr. Verena Keitel-Anselmino
Klinik für Gastroenterologie, Hepatologie
und Infektiologie
Universitätsklinikum Magdeburg
Leipziger Str. 44
39120 Magdeburg
Germany
verena.keitel-anselmino@med.ovgu.de

Prof. Dr. Andreas E. Kremer
Klinik für Gastroenterologie
und Hepatologie
UniversitätsSpital Zürich
Rämistrasse 100
8091 Zürich
Switzerland
andreas.kremer@usz.ch

Georg M. Lauer, MD
Mass General Research Institute
Massachusetts General Ho
275 Charles Street
Boston, MA 02114
USA
glauer@helix.mgh.harvard.edu

Prof. Massimo Levrero
Cancer Research Center of Lyon (CRCL)
Inserm U1052
Université Claude Bernard Lyon 1
151, Cours Albert Thomas
699424 Lyon
France
massimo.levrero@inserm.fr

Prof. Ana Lleo
Division of Internal Medicine and Hepatology
Humanitas Research Hospital
Via A. Manzoni 56
20089 Rozzano (MI)
Italy
ana.lleo@humanitas.it

Dr. Sophie Lotersztajn
Center for Research on Inflammation
Université Paris-Cité
Inserm UMR1149
75018 Paris
France
sophie.lotersztajn@inserm.fr

Prof. Mala Maini
UCL Inistitute of Immunity & Transplantation
Pond Street
London NW3 2PP
United Kingdom
m.maini@ucl.ac.uk

Federico Mingozzi
Nava Therapeutics
2929 Arch Street
Philadelphia, PA 19104
France
federico.mingozzi@gmail.com

Dr. Gilles Mithieux
Université Claude Bernard Lyon 1
Faculté de Médecine Lyon-Est
7-11, Rue Guillaume Paradin
69372 Lyon
France
gilles.mithieux@univ-lyon1.fr

Prof. Jean-Charles Nault
Hépatologie et Oncologie Hépatique
Hôpital Avicenne
125, Rue de Stalingrad
93000 Bobigny
France
naultjc@gmail.com

Dr. Elena Palma
The Roger Williams Institute of Hepatology
Foundation for Liver Research
111 Coldharbour Lane
London SE5 9NT
United Kingdom
e.palma@researchinliver.org.uk

Prof. Valérie Paradis
Department d'Anatomie Pathalogique
Hôpital Beaujon
100, Boulevard du Gal Leclerc
92110 Clichy
France
valerie.paradis@aphp.fr

Pasquale Piccolo
Telethon Instiute of Genetics and Medicine
Via Campi Flegrei, 34
80078 Pozzuoli (NA)
Italy
piccolo@tigem.it

Prof. Dr. Ulrike Protzer
Institute of Virology
Technical University of Munich
Trogerstr. 30
81675 München
Germany
protzer@tum.de

Jennifer Riuesset
Laboratoire CarMeN
U1060 INSERM INRA 1397 CARMEN
Hôpital Lyon Sud - Secteur 2
Bâtiment CENS ELI-2D
165, Chemin du Grand Revoyet
69310 Pierre Benite
France
jennifer.rieusset@univ-lyon1.fr

Dr. Eliane Sardh
Department of Internal Medicine
Karolinska Institutet
Solnavegen 1
17177 Stockholm
Sweden
eliane.sardh@ki.se

Prof. Bernd Schnabl
Division of Gastroenterology
UC San Diego School of Medicine
9500 Gilman Drive
La Jolla, CA 92093
USA
beschnabl@health.ucsd.edu

Prof. Dr. Carolin Schneider, MD
TWTH Aachen University
Pauwelsstraße 30
52074 Aachen
Germany
cschneider@ukaachen.de

Daniela Sia, PhD
Division of Liver Diseases
Icahn School of Medicine at Mount Sinai
1425 Madison Avenue
New York, NY 10029
USA
daniela.sia@mssm.edu

Prof. Dr. Frank Tacke
Medizinische Klinik m. S. Hepatologie
und Gastroenterologie
Charité - Universitätsmedizin Berlin
Augustenburger Platz 1
13353 Berlin
Germany
frank.tacke@charite.de

Jan Tchorz, PhD
Novartis Pharma AG
Novartis Campus
WSJ.355.1.051.29
4056 Basel
Switzerland
jan.tchorz@gmail.com

Dr. Barbara Testoni
CRCN INSERM - Hepatitis Viruses
and Pathobiology of Chronic
Liver Disease
Cancer Research Center of Lyon
151, Cours Albert Thomas
69424 Lyon
France
barbara.testoni@inserm.fr

Prof. Dr. Robert Thimme
Klinik für Innere Medizin II
Universitätsklinikum Freiburg
Hugstetter Str. 55
79106 Freiburg
Germany
robert.thimme@uniklinik-freiburg.de

Prof. Ludovic Vallier
Berlin Institute of Health
Charité – Universtätsmedizin
Campus Virchow-Klinikum
Augustenburger Platz 1
13353 Berlin
Germany
ludovic.vallier@bih-charite.de

Prof. Dr. Schalk Van Der Merwe
Department of Hepatology
UZ Leuven
Herestraat 49
3000 Leuven
Belgium
schalk.vandermerwe@uzleuven.be

Prof. Dr. Heiner Wedemeyer
Klinik für Gastroenterologie, Hepatologie
und Endokrinologie
Medizinische Hochschule Hannover
Carl-Neuberg-Str. 1
30625 Hannover
Germany
gastroenterologie@mh-hannover.de

Dr. Mirjam Zeisel
Cancer Research Center of Lyon
Inserm U1052, Université de Lyon
151, Cours Albert Thomas
69003 Lyon
France
mirjam.zeisel@inserm.fr

Prof. Fabien Zoulim
Cancer Research Center Lyon
Lyon University and INSERM
Hospices Civils de Lyon
3, Quai des Célestins
69002 Lyon
France
fabien.zoulim@inserm.fr

Prof. Jessica Zucman-Rossi, MD
Sorbonne Université-Inserm-Université
Paris Cité
Centre de Recherche des Cordeliers
15, Rue de l'école de Médecine
75006 Paris
France
jessica.zucman-rossi@inserm.fr

POSTER SESSION

ePosters will be exhibited on our ePoster screens on April 24-26, 2025. The authors will be in attendance during coffee and lunch breaks on both days.

CALL FOR POSTERS

Please submit your poster abstract before January 15, 2025.

Abstracts must be submitted via our Internet Abstract Submission System (https://poster.falkfoundation.com) where further information regarding the submission format and the submission process is available.

The abstracts will be selected by the scientific organizers, with preference being given to those thematically related to one of the sessions of the congress. The accepted abstracts will be published in the final program of the meeting.

Poster authors will receive notification about acceptance and further instructions in January, 2025.

For the first author of an accepted poster, accommodation expenses (April, 24-26, 2025) and fees for the scientific program will be covered during Symposium 240. Travel expenses will not be covered.

POSTER AWARDS

Three prizes will be awarded for the best poster presentations. Winners will be asked to give a short presentation (2 – 5 minutes) of their poster during the award ceremony.

Award winners will be presented with a certificate and prize money of EUR 3000, EUR 2000 and EUR 1000.

Travel expenses will also be covered for the first authors of the three winning posters.

REGISTRATION

You can register for the event via our homepage:
www.falkfoundation.org
Registration is only possible online.

You will receive an automatic confirmation of registration by e-mail. Please transfer the congress fee to the bank account listed in the e-mail within two weeks.

CONGRESS FEES

Scientific Program of Symposium 240	EUR 300
Students (copy of student ID required)	EUR 150

The congress fees include:
- Refreshments during coffee breaks
- Welcome dinner on Thursday, April 24, 2025
- Lunch on Friday, April 24, 2025 & Saturday, April 25, 2025
- Snacks during networking on Friday, April 25, 2025
- A copy of the final program

CONGRESS OFFICE AND REGISTRATION

Opening Hours:

Thursday, April 24, 2025	13:00 - 19:00
Friday, April 25, 2025	08:00 - 19:00
Saturday, April 26, 2025	08:00 - 12:45

The Falk Foundation will take pictures during the meeting. Additionally, parts of the meeting might be recorded. By participating all attendees consent and agree with the recording and the photo shoots.

ARRIVAL

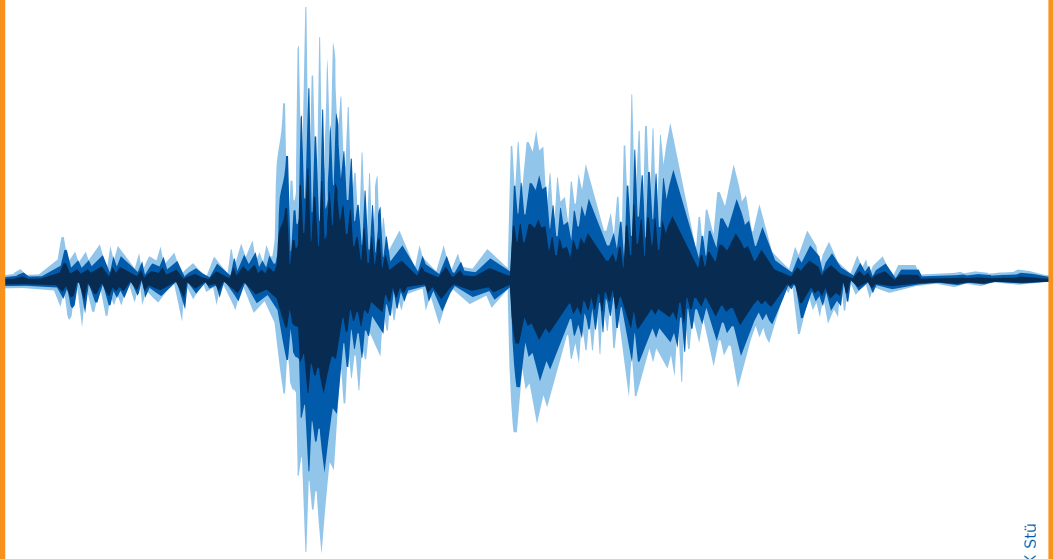
Marriott Lyon Cite International
70 Quai Charles de Gaulles
69006 Lyon
France

By plane
From Lyon Airport (LYS) you can get by taxi to Marriott Lyon Cité International, it takes about 30 minutes.

By train
From the train station Lyon Part Dieu you can take the bus C1, direction Cuire. Stop at “Musée d´Art contemporain”, the Hotel is located in front of the bus stop.

By car
After arrival in Lyon follow the signs to “Cité international (Tête d´Or). Arriving at Cité International, you find new red buildings on your right side, where the Marriott Hotel is located.

Registration via www.falkfoundation.org or simply scan and register:



Together we know more. Together we do more.
Falk Foundation e.V. | Leinenweberstr. 5 | 79108 Freiburg | Germany
T: +49 761 15 14 400 | F: +49 761 15 14 460 | E-Mail: meeting@falkfoundation.org
www.falkfoundation.org

VP240E/2024/XXXX Stü